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# NWRC Research Scientists: Dr. Jason Bruemmer

Last Modified:

Dr. Jason Bruemmer is Project Leader for the Population Management Project. The Population Management team works to control invasive and problematic species through toxicant and contraceptive development and deployment.

Dr. Bruemmer's expertise is primarily in reproductive physiology with particular interest in fertility control through contraceptive development. He currently is working to maximize the efficacy of GnRH based vaccine GonaCon for use in deer, horses, and prairie dogs. He is also leading the development of a long-lasting, single dose immunocontraceptive for feral horses.

## **Research Project**

#### Population Management

The goal of the Population Management Project is to develop injectable and oral contraceptives to manage overabundant wildlife populations and reduce the spread of zoonotic diseases.

Learn More





#### **Current Research**

- Development of new long-lasting immunocontraceptive for feral horses
- Formulation of GnRH vaccine for use in feral dogs
- Formulation of GnRH vaccine for use in coyotes

## **Areas of Expertise**

- Reproduction
- Fertility
- Molecular Biology
- Contraceptives

## **International Experience**

• Colombia - controlling feral hippopotami

## **Products/Techniques Developed or Tested**

GonaCon

#### **Publications**

#### View Dr. Jason Bruemmer's publications.

### **Education**

- Ph.D., Animal Sciences, Physiology/Molecular Biology
- M.S., Reproductive Physiology, Texas A&M University
- B.S., Animal Sciences, Texas A&M University

### **Contact**

Jason Bruemmer

Project Leader

Email: jason.bruemmer@usda.gov

Phone: <u>970-266-6035</u>

National Wildlife Research Center

4101 LaPorte Ave.

Fort Collins, CO 80521

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